

CHARGING INFORMATION

- 1 - Units are factory charged with HFC-410A for 15 feet of line set, as marked on the nameplate.
- 2 - Add or remove 6 oz for every foot of line set different than 15 feet.
- 3 - Check for proper air flow and run the system for 20-30 minutes before adjusting charge.
- 4 - Charge the system by weight if ambient temperature is below 65°F.
- 5 - Charge by weight and/or follow the various methods listed below if ambient temperature is above 65°F.

4AC13

Size	-18	-24	-30	-36	-42	-48	-60		
Table 1 - Normal Operating Pressures									
Outdoor Temp °F	High / Low Pressure (psi) (Reference Only)								
65	238 / 132	256 / 134	254 / 129	263 / 132	251 / 128	244 / 130	258 / 128		
75	278 / 137	298 / 138	296 / 133	309 / 137	294 / 132	285 / 134	300 / 133		
85	318 / 142	341 / 141	338 / 137	354 / 141	338 / 135	326 / 139	342 / 137		
95	358 / 147	383 / 145	380 / 141	400 / 146	381 / 139	367 / 143	384 / 142		
105	411 / 150	437 / 149	439 / 145	458 / 150	434 / 142	430 / 148	435 / 144		
115	464 / 153	490 / 152	498 / 148	515 / 153	487 / 145	492 / 153	485 / 146		
Table 2 - Approach Values - TXV System <i>Liquid Line Temperature Minus Outdoor Ambient Temperature</i>									
All	8	11	10	13	7	7	13		
Table 3 - Subcooling Values - TXV System <i>(Liquid Line Saturation Temperature Minus Liquid Line Temp)</i>									
65	5	8	5	3	8	6	4		
75	5	8	6	3	9	7	4		
85	5	8	6	4	9	7	5		
95	6	9	7	4	10	8	5		
105	7	9	8	5	11	9	5		
115	9	10	9	5	11	9	4		
Table 4 - Superheat Method - RFC System <i>(Liquid Line Saturation Temperature Minus Liquid Line Temp)</i>									
Outdoor Temp °F	65	70	75	80	85	90	95	100	105
Superheat Temp °F	35	30	25	22	18	12	8	5	5

All measurements are at the service valves and based on 80db/67wb indoor temperature.

RFC Size	18	24	30	36	42	48	60
	0.053	0.057	0.063	0.072	0.074	0.082	0.090

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